

176\_61752\_ST25.txt  
SEQUENCE LISTING

<110> MILLER, Benjamin L.  
STROHSAHL, Christopher M.

<120> METHOD OF IDENTIFYING HAIRPIN DNA PROBES BY PARTIAL FOLD ANALYSIS

<130> 176/61752

<140> 10/584,875  
<141> 2006-06-29

<150> 60/533,894  
<151> 2004-01-02

<150> PCT/US2005/000053  
<151> 2005-01-03

<160> 14

<170> PatentIn version 3.5

<210> 1  
<211> 960  
<212> DNA  
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<223> Partial gene sequence of *Bacillus anthracis* pag gene

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taaatcatct cctgaaaaat ggagcacggc ttctgatccg tacagtgatt tcgaaaaggt 180  
tacaggacgg attgataaga atgtatcacc agaggcaaga cacccttgc tggcagctta 240  
tccgattgttca catgttagata tggagaatat tattctctca aaaaatgagg atcaatccac 300  
acagaatact gatagtcaaa cgagaacaat aagtaaaaat acttctacaa gtaggacaca 360  
tactagtcaa gtacatggaa atgcagaagt gcatgcgtcg ttcttgcata ttgggtggag 420  
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tcttagcaggg gaaagaacctt gggctgaaac aatgggttta aataccgctg atacagcaag 540  
attaaatgcc aatatttagat atgtaaatac tgggacggct ccaatctaca acgtgttacc 600  
aacgacttcg ttagtggtag gaaaaaatca aacactcgcg acaattaaag ctaaggaaaa 660  
ccaaatgttcaaaatgca gcaacaagacg atttcagttc tactccaatt acaatgaatt acaatcaatt 720  
tcttgagttca gaaaaaacga aacaattaag attagatacg gatcaagtat atgggaatata 780  
agcaacatac aattttgaaa atggaagagt gagggtggat acaggctcg actggagtga 840  
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<210> 2  
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<212> DNA  
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<223> Hairpin probe BaPag668-706 specific for *Bacillus anthracis* pag gene

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<210> 3  
<211> 34  
<212> DNA  
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<223> Partial sequence of *Staphylococcus aureus* genome

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tataatatca ataataaaacg aataggggtg ttaatattga ttatattttt gattttgatg 180  
gtacgttggc agacacgaaa aatgtggtg acaaagtgc tttaaagcat gtggcttaac 240  
ggaaccatca tctaaagaaa tatggaata cctattgaag aatcattttt aaaatttagca 300  
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<212> DNA  
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<223> Hairpin probe with modified stem  
  
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<223> Hairpin probe with modified stem  
  
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